TEN-YEAR AUTHOR INDEX

1957-1966

Entries are by volume and first page

A

Ablashi, Dharam V. 5, 456; 6, 406; 9, 407; 10, 224
Adinarayanan, N. 10, 314
Adlakha, S. C. 10, 401
Adler, H. E. 1, 19, 235; 3, 197; 4, 3, 12; 6, 1, 267; 8, 576, 596, 623; 9, 205, 460, 566; 10, 239, 247, 291, 329
Aftosmis, J. G. 4, 485, 545
Ahmed, A. A. S. 10, 390, 394
Alberts, J. O. 6, 396
Alexander, L. J. 5, 332
Allen, James R. 7, 318
Alls, A. A. 7, 89; 8, 245, 538
Ammerman, C. B. 8, 92
Anderson, D. L. 1, 349
Anderson, D. P. 8, 369; 9, 171; 10, 177, 216
Anderson, G. W. 1, 338; 3, 486; 4, 369; 6, 118
Andrews, Richard D. 7, 193
Angstrom, C. I. 1, 52
Appleton, G. S. 8, 40, 153; 10, 98
Armstrong, W. H. 3, 80; 4, 272

B

Babcock, W. E. 6, 403, 444; 8, 56
Bacharz, J. 7, 423
Bacon, E. 4, 545
Baharsefat, M. 9, 460, 566
Baird, James 10, 89
Baker, E. D. 10, 131, 407
Baker, Norman F. 1, 227
Baker, R. F. 4, 306
Bankowski, R. A. 1, 195; 2, 197, 227, 466; 4, 152, 304; 5, 253; 6, 333; 7, 135, 331; 8, 555; 9, 157, 359; 10, 199
Barber, Clifford W. 6, 289, 349; 7, 495; 8, 183
Barden, E. S. 6, 511; 8, 13; 9, 57
Barnes, L. E. 4, 176, 307
Barnett, Bobby D. 2, 173; 4, 38
Barrera, James 8, 191
Basch, H. 1, 121, 349; 2, 494, 499, 514; 3, 377; 4, 477
Bates, Henry A. 9, 24, 220
Beard, C. W. 8, 369; 10, 177, 216
Beasley, J. N. 2, 315; 5, 94
Beauregard, M. 4, 258
Beckman, J. R. 3, 486
Belcher, L. V. 9, 504
Belloff, G. B. 7, 50
Bennett, P. C. 2, 358
Benson, Harold 5, 270
Benton, W. J. 1, 54, 312, 320; 2, 375, 381; 3, 353, 361; 4, 487, 491; 6, 430; 7, 89; 8, 245, 538
Berg, J. R. 1, 19; 3, 197; 4, 3
Berkman, R. N. 8, 614; 9, 348
Berthrong, Morgan 5, 48
Bickford, Arthur A. 9, 317, 464; 10, 428
Biely, Jacob 7, 1; 9, 119
Bierer, Bert W. 4, 22, 38; 5, 214, 333
Bigland, C. H. 5, 31, 367; 7, 471; 8, 85, 412, 523, 531; 9, 108, 212
Bletner, J. K. 2, 63
Bletner, Ruth 1, 82
Blow, W. L. 7, 495
Boehringer, Emilio Geronimo 6, 391
Boehringer, Irene K. 6, 391
Bohl, E. H. 10, 347
Bolin, F. M. 5, 229
Bool, P. H. 6, 302
Boone, M. A. 2, 173; 9, 227
Boothe, A. D. 2, 542
Bower, R. R. 2, 290
Boyd, Robert J. 2, 82
Boyer, Clyde L., Jr. 1, 42, 275; 2, 396, 418; 4, 546; 6, 43; 7, 165
Braune, M. O. 9, 535
Brion, A. J. 7, 203; 9, 1
Brown, J. A. 1, 42, 275; 2, 396, 418; 4, 546; 6, 43; 7, 165
Brown, W. E. 6, 99
Bruins, H. W. 7, 12, 287, 294; 10, 135
Brumfield, Helen P. 5, 270
Bruner, D. W. 2, 396, 418; 3, 373; 6, 43, 145
Brunetti, Oscar A. 9, 382
Bubash, George 6, 322
Burke, C. N. 3, 412, 419; 9, 31, 104
Burkhart, D. M. 6, 275
Burmester, B. R. 6, 455; 7, 79; 8, 123; 9, 82; 10, 111, 162, 259, 364, 477
Burr, W. E. 1, 298; 3, 487; 6, 441
Burrell, R. G. 10, 462
Butterfield, W. K. 5, 445
Byrne, J. L. 9, 302

C

Cabasso, Victor J. 9, 471
Call, J. W. 7, 480

Calnek, B. W. 1, 208; 3, 95, 197, 225, 302; 4, 116, 325; 5, 297; 6, 51; 8, 163, 317; 9, 545; 10, 32, 43
Campbell, Ann 6, 191; 7, 310; 8, 209
Campbell, Howard 4, 218; 7, 501
Carll, W. T. 6, 363
Carlson, H. C. 5, 31; 8, 76
Carlton, W. W. 8, 48, 227; 9, 423; 10, 484
Cartrite, H. T. 5, 382
Caslick, J. W. 10, 375
Casorso, D. Roy 2, 542
Cassidy, D. R. 2, 336; 3, 126; 9, 78
Chabas, D. 7, 203; 9, 1
Chalquest, R. R. 3, 257; 4, 515; 6, 36
Chamberlain, D. M. 7, 97, 102; 8, 281, 336
Chandiramani, N. K. 5, 454; 8, 135; 9, 67
Chang, P. W. 1, 115, 304; 2, 538; 4, 384, 500; 5, 456; 6, 406; 9, 407; 10, 224
Chema, S. 10, 347
Cherms, F. L. 8, 19
Chomiak, T. W. 1, 118; 2, 456; 4, 235, 544; 5, 313; 7, 325; 10, 337
Chowdhury, T. I. M. Fazlayrabbi 10, 273
Chute, H. L. 1, 67; 2, 154, 240, 541; 3, 404, 407; 4, 402; 5, 107; 6, 7, 107, 127, 511; 7, 168, 342; 8, 13; 9, 57
Chute, M. B. 10, 410
Clark, D. S. 4, 280; 5, 37
Clark, Gordon Marston 4, 94; 6, 506; 8, 315
Clemente, J. 5, 283
Coffin, David L. 1, 345
Cole, R. K. 5, 205
Collins, K. E. 7, 435
Colusi, Arnaldo 7, 369
Combs, G. F. 8, 7
Connell, M. C. 3, 388; 4, 391; 5, 222; 9, 495
Connell, R. 4, 258
Conrad, R. D. 2, 132, 167
Cook, F. W. 3 272; 8, 183
Cordy, D. R. 1, 235
Cornwell, George 7, 212
Corstvet, R. 2, 227, 466; 4, 304; 5, 253; 6, 333; 7, 135; 8, 596, 623; 9, 441
Cosgrove, A. S. 5, 144; 6, 385
Cover, M. S. 1, 54, 312, 320; 2, 375, 383; 3, 353, 361; 4, 467, 491; 6, 430; 7, 89; 8, 245, 538
Craig, F. R. 8, 183
Cross, R. F. 4, 223
Cumming, R. B. 8, 234
Cummings, Georgia 8, 274
Cundy, K. R. 9, 272
Cunningham, C. H. 9, 182; 10, 111, 162
Cunningham, Charles H. 6, 455
Cunningham, C. J. 6, 165; 8, 215; 10, 189
Cuozzo, R. F. 6, 107

D

Da Massa, A. J. 4, 152; 7, 471; 8, 576, 623; 9, 205, 212; 10, 57
Darcel, C. le Q. 4, 258
Dardiri, A. H. 1, 115, 304; 2, 538; 4, 384, 500
D'Armi, Frank 3, 353
Davis, D. E. 2, 117, 315; 5, 94
Davis, Donald E. 8, 465
DeCamp, Daniel 2, 540; 4, 542
Delaplane, J. P. 2, 117
Delphia, John M. 5, 177
Denington, Effie M. 5, 454, 460; 7, 19
Devenpeck, L. A. 7, 411
Devos, A. 7, 451
DeWitt, J. B. 8, 420
Dickie, Charles W. 8, 191
Dickinson, E. M. 5, 350; 6, 403, 444; 8, 56
Dierks, R. E. 7, 376; 9, 241; 10, 194
Diesem, Charles D. 2, 63
Dison, M. S. 8, 513
Dcmermuth, Charles H. 1, 346; 2, 147, 442; 3, 452; 4, 456; 6, 135, 412, 499
Donovan, E. W. 9, 227
Dorsey, T. A. 7, 386, 393
Dougherty, E., 3rd 1, 127, 130; 4, 247, 444; 5, 116, 321, 415; 6, 145, 435; 7, 217, 411; 8, 264; 9, 570
DuBose, R. T. 3, 321; 9, 598
Dungan, William 8, 85
Dunlop, W. R. 5, 455; 8, 321; 10, 173
Dutcher, Ray M. 4, 205
Dutta, S. K. 9, 241

E

El Amrousi, S. 10, 394
Enold, Gary L. 8, 203
Epps, N. A. 1, 338; 2, 539; 3, 486; 4, 369; 6, 118
Eveleth, D. F. 5, 177, 229

F

Faber, J. E. 3, 41
Fabricant, C. G. 6, 328
Fabricant, Julius 1, 62, 101, 256; 2, 227, 409, 466; 3, 197, 257, 428; 4, 505, 515, 546; 6, 13, 72, 328
Faddoul, George P. 9, 377, 530; 10, 89, 296
Fahey, J. E. 1, 117
Fellows, Gordon W. 9, 377, 530; 10, 89, 296

Felluga, B. 7, 38
Ferguson, A. E. 3, 388; 4, 391; 5, 222; 9, 495
Filmer, David L. 4, 79
Finkner, M. D. 8, 221; 9, 146
Fitzgerald, J. E. 10, 157
Fletcher, R. D. 8, 72
Flowers, A. I. 2, 536; 3, 239, 290; 7, 178; 9, 394, 400; 10, 273
Fluharty, D. M. 2, 167
Fontaine, M. 7, 203; 9, 1
Fontaine, M. P. 7, 203; 9, 1
Fontes, A. K. 7, 79
Forgacs, J. 6, 363, 420; 7, 56
Fornari, Oscar Elias 6, 391
Foster, J. W. 6, 99
Francis, D. W. 4, 63, 218, 310; 7, 501; 8, 221, 312; 9, 146
Fraser, Gordon 5, 243
Frazier, M. N. 3, 478; 4, 109; 7, 402, 446; 8, 269
Fredrickson, T. N. 1, 67; 2, 241; 5, 392, 400; 8, 123; 9, 82; 10, 259, 477
Fry, Dorothy E. 1, 115, 304; 2, 538; 4, 384, 500; 5, 456; 6, 406
Fung, J. 9, 302

G

Gaafar, S. M. 10, 428
Gainer, J. H. 9, 8
Gale, C. 2, 250; 3, 170; 5, 201, 362; 9, 348
Gale, G. O. 7, 457
Gandal, Charles P. 5, 250
Gard, D. I. 9, 348
Gardiner, J. L. 6, 185; 9, 21
Garg, S. P. 8, 555
Garner, E. 8, 269, 561
Gelenczei, E. F. 8, 105; 9, 44
Gentry, R. F. 1, 75, 347, 347; 2, 76; 3, 175; 4, 436; 7, 31; 9, 535
Gerry, R. W. 4, 546
Gershman, M. 6, 7, 107; 7, 168, 342
Gill, Eugene 1, 94; 4, 543; 8, 61
Gingher, P. E. 2, 213
Giordano, A. R. 8, 317
Glantz, Paul J. 6, 322; 9, 264
Godfrey, J. F. 4, 280; 5, 37
Goedbloed, Else 6, 302
Goetz, M. E. 6, 93
Goldhaft, Tevis M. 5, 196
Goldman, C. L. 2, 3, 19
Gordy, Betty Anne 4, 380
Gossett, F. O. 4, 176, 307
Graesser, F. E. 5, 367
Gramenzi, F. 10, 556
Gray, J. E. 2, 187
Gray, M. L. 2, 296
Greene, L. M. 2, 383; 3, 353
Grimes, J. E. 10, 342
Gross, W. B. 1, 36, 347; 2, 539; 3, 370, 452; 5, 132, 218, 431; 6, 499; 7, 417; 8, 438
Grumbles, L. C. 2, 336; 3, 122, 126, 290, 321; 5, 168; 7, 178; 8, 274; 9, 394, 400; 10, 273, 342
Grundboeck, M. 5, 392

H

Hagan, Jean R. 8, 428
Hall, C. F. 5, 168, 382; 6, 359; 7, 178; 8, 274; 9, 394, 400; 10, 273
Hall, W. S. 2, 322
Halpin, F. L. 10, 513
Hamdy, A. H. 2, 250
Hamilton, C. M. 3, 28, 105, 114
Hammar, A. H. 2, 213
Hanley, J. E. 6, 251; 9, 8
Hanson, L. E. 5, 139; 6, 396; 8, 196; 9, 193; 10, 157
Hanson, Robert P. 2, 82, 94; 3, 344; 4, 79; 8, 369, 391; 9, 171; 10, 122, 177, 216, 372
Harms, R. H. 5, 183, 409; 7, 467; 8, 92
Harwood, P. D. 6, 275
Hash, T. R. 6, 191
Heddleston, Kenneth L. 1, 94; 2, 322; 3, 397; 4, 429; 6, 315; 8, 649; 9, 367
Heishman, J. O. 3, 433; 4, 413, 419; 6, 165, 171, 191; 8, 215; 10, 189
Hejl, J. M. 3, 41
Helmboldt, C. F. 4, 232, 235, 544, 545; 5, 313, 445; 6, 59, 441; 7, 184, 402, 446; 8, 101, 561; 9, 31; 10, 452
Henderson, Wilson 4, 103, 223; 7, 516; 8, 48, 227, 680; 9, 619
Herman, C. M. 4, 198
Hill, Charles H. 10, 383
Hill, R. W. 1, 195; 6, 226
Hill, W. C. Osman 1, 290
Hinshaw, William R. 1, 3
Hitchner, S. B. 2, 258; 4, 291; 5, 18; 8, 40, 153, 234; 9, 237; 10, 98
Hobert, V. 3, 182
Hofstad, M. S. 1, 165, 170; 2, 358; 5, 102; 6, 147; 7, 170, 435; 8, 481; 9, 291; 10, 83, 230
Hollander, Susan L. 9, 57
Holmes, J. R. 3, 484
Holper, J. C. 290
Holtman, D. Frank 8, 328
Hort, I. 10, 208
Houghton Poultry Research Station 8, 675
Howell, J. 7, 471
Hsu, B. 7, 50
Hubben, Klaus 2, 110; 8, 203
Huebner, Robert J. 10, 441
Huey, W. S. 8, 312
Hughes, W. F. 5, 351; 7, 154

Hunt, R. A. 9, 252
Hunter, Brian F. 9, 382
Hutt, F. B. 5, 205
Hwang, Jen 3, 484; 4, 232, 545; 5, 116, 321; 6, 435; 7, 411; 8, 264; 9, 285, 417; 10, 508
Hwang, Joseph C. 5, 60; 8, 380

J

Jacobs, R. E. 4, 109, 485
Jaquette, D. S. 3, 89; 5, 60
Jay, Alan R. 9, 24
Jehnich, H. 3, 95, 225
Jeoffery, S. M. Sayedain 4, 138; 6, 238
Jerstad, A. C. 3, 28, 105, 114; 8, 36; 10, 438
Jochen, R. F. 10, 405
Johnson, E. P. 1, 122
Johnstone, H. C. 8, 310
Jones, Lloyd D. 8, 580
Jordan, F. T. W. 10, 1
Jordan, Helen E. 8, 465
Jortner, B. S. 10, 452
Julian, Logan M. 2, 123
Jungherr, Erwin 1, 118, 298; 2, 54, 456, 542; 3, 412, 419, 484; 4, 304

K

Kahn, Samuel G. 7, 304
Kangude, C. M. 5, 139
Karrar, Gaafar 7, 257, 345
Keenum, R. D. 7, 12, 294; 10, 135
Kelton, W. H. 1, 347, 347; 7, 272
Kemp, Russell L. 8, 347; 10, 357
Kenzy, S. G. 2, 167; 4, 138; 5, 66, 337; 6, 238; 8, 454, 459; 9, 520
Kerr, Kirklyn M. 7, 310; 8, 209, 256; 10, 470
Kerwin, J. A. 8, 420
Ketter, W. E. 9, 78
Khanna, P. N. 8, 632; 10, 27
Kilian, John G. 6, 403, 444; 8, 56
King, E. S., Jr. 4, 198
Kingsbury, F. W. 2, 54
Kingscote, A. A. 5, 11
Kinjo, J. 9, 157, 359; 10, 199
Kiser, J. S. 5, 188, 283; 7, 457
Kleckner, Albert L. 2, 99
Klimes, B. 7, 149
Koch, H. 6, 363, 420; 7, 56
Kottaridis, S. D. 10, 337
Krauss, H. 9, 104
Krauss, W. C. 4, 467, 491; 6, 430; 7, 89; 8, 245, 538
Kumar, M. C. 10, 194
Kumar, Surendra 7, 376; 10, 194

L

Lagace, Andre 10, 103
Lang, G. 9, 495
Langford, E. V. 4, 258
Lannek, N. 6, 228
Larose, R. N. 5, 157; 7, 102; 8, 336; 9, 604
Le Clair, Ronald A. 8, 328
Lee, C. D. 9, 504
Lee, G. G. 4, 187, 196; 6, 297; 7, 106; 8, 471; 9, 559; 10, 557
Lee, V. H. 3, 344
Legenhausen, D. H. 3, 3, 12
Leibovitz, Louis 6, 141, 380
Levine, P. P. 1, 101, 110, 136, 208, 256; 2, 530; 3, 197; 6, 13, 72; 10, 32, 43
Levine, Seymour 8, 358; 10, 146
Lewis, A. L. 3, 89
Lindenmaier, P. R. 5, 144
Lindgren, N. O. 6, 228
Litsky, Warren 4, 205
Liu, Si-Kwang 8, 412
Locke, Louis N. 4, 198; 5, 135; 6, 506; 7, 196; 8, 315, 420
Love, F. C. 7, 19
Lucas, Alfred M. 5, 454, 460; 7, 19
Luginbuhl, Roy E. 1, 118, 298; 2, 456; 3, 412, 419, 484; 4, 232, 235, 544, 545; 5, 313, 445; 6, 59; 7, 5, 184, 325; 8, 101; 9, 31, 104; 10, 337
Lukert, P. D. 9, 308; 10, 305
Lynch, L. C. 5, 5, 327

M

Magwood, S. E. 6, 24; 9, 302
March, B. E. 7, 1; 9, 119
Markham, F. S. 2, 213
Marty, E. W. 8, 105; 9, 44
Mascoli, Carmine C. 6, 86
Mathey, W. J. 8, 454, 459; 9, 520
Matisheck, P. H. 3, 182; 5, 5, 327
Mayeda, Bryan 5, 232
Melendez, Luis V. 8, 391
Menzie, C. M. 8, 420
Mesa, Carlos Perez 5, 48
Miller, D. L. 9, 504
Miner, M. L. 7, 480
Mitrovic, M. 3, 182; 5, 5, 327
Miura, S. 8, 546
Miyamae, T. 8, 546
Mohamed, Y. S. 10, 347
Mongeau, J. D. 3, 388
Moore, E. N. 1, 27
Moore, Richard W. 2, 39; 3, 239; 5, 168; 9, 266; 10, 342
Moran, Alice B. 3, 85; 3, 440; 4, 73; 5, 147
Morehouse, Georgia L. 4, 103, 223

Morgan, C. L. 2, 173; 4, 48
Morin, E. W. 8, 27
Morrill, C. C. 10, 364
Morrison, W. D. 5, 222
Moseley, B. L. 10, 518
Moulthrop, Irwin M. 4, 380; 6, 161
Moulton, Jack E. 2, 123
Moustafa, I. H. 10, 394
Munro, D. A. 1, 82
Mykytowycz, R. 7, 67

Mc

McClary, C. F. 5, 337
McClune, E. L. 10, 518
McConachie, J. D. 6, 118
McDaniel, I. N. 6, 127
McDaniel, Lois S. 3, 407; 6, 127
McGehee, E. H. 2, 358
McGregor, J. K. 5, 11, 222
McKee, G. S. 7, 19
McLaughlin, A. R. 10, 131
McLean, G. S. 8, 459
McLoughlin, D. K. 6, 185; 9, 21; 10, 288, 410
McMartin, D. A. 6, 267
McNamara, T. F. 7, 457
McRitchie, J. J. 5, 362

N

Narotsky, Saul 2, 541; 6, 43, 322
Nelsen, Doris 8, 358; 10, 146
Nelson, S. L. 9, 8
Neumann, F. 8, 513
Newkirk, H. L. 10, 353
Newman, J. A. 7, 376; 10, 194
Newton, Guy R. 4, 218; 7, 501
Niilo, L. 4, 258
Nilsson, T. 6, 228
Nobel, T. A. 8, 513

O

Ogasawara, F. X. 8, 81
Ohara, Takashi 5, 355
Okazaki, William 5, 66; 8, 123; 9, 82; 10, 94
Olesiuk, Olga M. 1, 119; 3, 457; 4, 348; 5, 454; 8, 135; 9, 67
Olsen, R. D. 4, 307
Olson, Carl 5, 392, 400
Olson, L. D. 10, 518
Olson, N. O. 1, 82; 2, 450, 542; 3, 312, 443; 4, 413, 419; 5, 25; 6, 165, 171, 191; 7, 310; 8, 209, 215, 256, 623; 10, 189, 462, 470
Olson, W. A. 9, 232
Olson, Walter 10, 146
O'Meara, D. C. 1, 67, 91; 2, 154, 541; 3, 404; 4, 230; 5, 107; 6, 7, 511; 9, 57
Ortmayer, Herrad B. 6, 267; 10, 268
Osborn, O. H. 2, 180, 370
Ose, E. E. 4, 176; 8, 614; 9, 348
Oshel, D. D. 7, 125
Ostendorf, Joe, Jr. 4, 103
Ousterhout, L. E. 4, 12

P

Padgett, George A. 6, 258
Page, C. A. 2, 365
Page, Leslie A. 3, 23, 51, 67; 5, 121; 6, 1, 211; 7, 239
Pan, H. P. 10, 375
Pan, I. C. 7, 361
Panda, B. 8, 7
Pangborn, Jack 5, 121
Pannu, J. 7, 135
Parizek, W. J. 8, 269
Parke, G. 5, 455; 8, 321
Parkhurst, Raymond T. 8, 584
Pate, Donald D. 2, 99
Payne, D. D. 4, 546
Peacock, G. V. 7, 123
Peckham, M. C. 1, 247; 2, 348; 3, 471; 4, 449; 6, 111; 10, 413
Pennifold, K. S. 5, 367
Perek, M. 2, 269; 4, 85
Perez-Rebelo, Rodolfo 5, 150; 6, 284
Perk, K. 2, 269; 10, 208
Perry, Mary Lou 8, 412
Petek, M. 7, 38
Pfow, C. J. 7, 376
Philippo, W. 4, 304
Picken, J. C., Jr. 7, 435
Pickrell, John A. 10, 281
Pierce, K. R. 9, 266
Pilchard, E. I., Jr. 6, 396
Piraino, F. 8, 123
Pitois, M. 9, 343
Plastridge, W. N. 8, 72
Pomeroy, B. S. 2, 180, 370; 4, 165; 5, 270; 7, 376; 9, 24, 220, 241; 10, 194
Popken, F. 5, 283
Prestwood, Annie K. 8, 347
Price, F. C. 7, 239
Price, J. 3, 486
Price, Jessie I. 4, 247, 444; 6, 145
Price, K. E. 3, 135, 157; 4, 308
Price, R. J. 2, 213
Purchase, H. Graham 9, 127; 10, 111, 162
Purmalis, A. 2, 187

Q

Quiroz, Carlos Alfonzo 2, 94; 4, 79

R

Raggi, Livio G. 1, 227, 195; 4, 187, 196, 272, 312, 320; 6, 297; 7, 106; 8, 471; 9, 559; 10, 556

Ranck, F. M., Jr. 9, 8
Raymond R. G. 6, 226
Read, Ralston B., Jr. 4, 205
Reamer, Richard 10, 94
Rebers, P. A. 8, 649
Reid, W. Malcolm 2, 99; 3, 188; 5, 355; 8, 347; 9, 343; 10, 357
Reisinger, Robert C. 3, 397; 4, 429
Remmler, F. W. 5, 11
Reynolds, Donald P. 9, 220
Reynolds, Iona M. 1, 121; 2, 499; 6, 32
Reynolds, R. 111
Rhoades, H. E. 8, 196
Rhoades, Keith R. 8, 658
Richey, Dale J. 2, 173; 4, 48; 8, 462
Rickard, Charles G. 1, 130, 256; 7, 217
Ris, Hans 5, 400
Rislakki, V. 9, 339
Roberson, R. H. 8, 221; 9, 146
Rosen, Merton N. 8, 1; 9, 382
Rosenwald, A. S. 7, 239; 10, 556
Rubin, Harry 7, 154
Ruedy, D. D. 10, 407
Rumsey, R. R. 3, 182

S

Sadler, W. W. 5, 348; 8, 576, 596; 9, 441
Sanger, V. L. 2, 250; 5, 201, 362; 10, 103, 364
Sato, G. 8, 546; 10, 239, 247, 291, 329
Sato, S. 9, 591
Saunders, J. Robert 9, 317
Saunders, L. Z. 1, 27
Schaaf, Kermit 2, 279; 3, 245
Schelling, E. P. 4, 122
Schmittle, S. C. 6, 99
Schoenhard, D. E. 6, 258
Schricker, R. L. 8, 196
Schwartz, L. D. 8, 465
Seadale, E. H. 1, 120, 122
Seal, Ulie S. 9, 24
Seeger, K. C. 4, 42
Seibold, H. R. 9, 570
Sevoian, Martin 1, 121, 136, 349; 2, 3, 19, 514, 499; 3, 302, 377; 4, 325, 474; 5, 297; 7, 97, 102; 8, 281, 336; 9, 604
Shalkop, W. T. 5, 60; 7, 206
Shea, Catherine A. 2, 258
Shelton, D. C. 1, 82; 2, 450; 3, 312, 443; 4, 413, 419; 5, 25; 6, 171
Shibley, G. P. 6, 59; 7, 184; 8, 101
Shifrine, M. 4, 12; 9, 591
Shimizu, Y. 7, 331
Shirer, Jane F. 8, 203
Siccardi, Frank J. 10, 422
Siddle, P. J. 5, 352
Sieburth, John McNeill 1, 122, 180, 348; 2, 402
Siegel, P. B. 2, 539; 3, 370
Simpson, Charles F. 3, 89; 8, 92
Sinha, S. K. 2, 138
Sinkiewica, R. J. 3, 3, 12
Skamser, L. M. 4, 42
Smith, S. C. 8, 321; 10, 173
Smith, V. E. 3, 28, 105, 114
Smyser, C. F., Jr. 1, 328; 2, 428; 3, 485; 4, 544; 7, 423; 10, 314
Snoeyenbos, G. H. 1, 121, 349; 2, 494, 499, 514; 3, 377; 4, 477; 6, 32; 9, 152, 578; 10, 314
Soliman, M. K. 10, 390, 394
Solomon, J. J. 10, 477
Somer, A. 1, 94
Somersett, D. T. 8, 441
Spalatin, J. S. 10, 372
Spring, M. P. 9, 182
Squibb, Robert L. 5, 292
Stabler, Robert M. 5, 48
Steele, F. M. 7, 325
Stephens, J. F. 10, 502
Stipkovits, L. 8, 637
Stock, Boyd L. 5, 89
Stockdale, P. H. G. 10, 67
Stone, H. D. 4, 543; 8, 61
Storz, J. 7, 480
Storz, Johannes 5, 121
Stover, D. E. 4, 309; 5, 350
Strout, R. G. 3, 486; 5, 455; 8, 321; 10, 173
Stuart, E. E. 4, 305, 306; 7, 12, 287, 294; 10, 135
Stubbs, E. L. 1, 349; 9, 513; 10, 73
Subramanyam, P. 4, 165
Sullivan, J. F. 1, 94; 3, 12
Sumner, F. W. 5, 445
Sylvester, J. C. 2, 290

T

Taylor, D. L. 10, 462
Taylor, John R. E. 1, 101; 2, 541; 4, 122
Taylor, Patricia J. 4, 116, 325; 5, 297; 6, 51
Teal, M. E. 10, 407
Tekeli, Sait 8, 403
Tennison, L. B. 5, 352
Thackrey, D. J. 8, 310
Theodorides, V. J. 9, 232
Thomas, Virginia W. 2, 541
Tolgay, Nermin 5, 60
Tourtellotte, M. 1, 298; 4, 109, 485, 545
Trainer, D. O. 9, 252
Trenchi, Hebert 4, 275
Tripathy, S. B. 8, 454; 9, 520
Truscott, R. B. 1, 338; 3, 388; 4, 391; 5, 440; 8, 27; 10, 67
Tudor, David C. 6, 493
Tzianabos, Theodore 6, 32; 9, 152, 578

V

Vadlamudi, Srikrishna 3, 344; 10, 122
Valentine, H. D. 5, 214
Van Demark, P. J. 6, 328
VanDuyn, R. L. 8, 614
Van Krey, H. P. 8, 81
Van Natta, F. A. 10, 131
Van Roekel, Henry 1, 119, 328; 2, 428; 3, 457, 485; 4, 348, 544; 5, 1, 157, 454; 6, 178; 7, 272, 423; 8, 135; 9, 67; 10, 314
Venzke, Walter G. 2, 63
Verma, O. P. 8, 19
Vestal, O. H. 10, 502
Vickers, C. L. 4, 22; 5, 214
Voris, J. C. 8, 85

W

Wadsworth, James R. 1, 290
Waldroup, P. W. 5, 183, 409; 7, 467; 8, 92
Wallbank, Alfred M. 9, 513; 10, 73
Walter, W. G. 6, 455; 7, 79
Wannop, C. C. 5, 371
Watanabe, Daniel H. 7, 154
Watkins, John R. 2, 117, 315; 3, 290; 5, 94
Watko, L. P. 8, 649; 9, 367
Watrach, A. M. 9, 193
Wehr, Everett E. 6, 195; 7, 206
Weisblatt, Harold 7, 304
Weisbroth, Steven H. 4, 133
Weston, C. R. 3, 486
Weymouth, D. K. 7, 342
Whenham, G. R. 5, 31
White, P. G. 2, 258
Whitehill, A. R. 5, 188
White-Stevens, R. H. 6, 363, 420; 7, 56
Wichmann, R. W. 1, 222; 4, 152
Wight, P. A. L. 9, 327
Willers, E. H. 4, 196
Williams, B. J. 10, 353
Williams, J. E. 1, 105
Williamson, J. H. 8, 183
Wills, C. G. 4, 391; 9, 495
Wills, F. K. 7, 5, 402
Winterfield, R. W. 1, 120, 122; 2, 3, 19; 4, 291; 5, 18; 8, 40, 153, 234; 9, 237; 10, 98
Witter, Richard L. 4, 546; 5, 107; 6, 478; 10, 32, 43
Wolfgang, R. W. 6, 275
Woodard, A. E. 9, 212
Wright, M. L. 1, 338; 2, 539; 3, 486; 4, 369; 6, 118

Y

Yamamoto, R. 1, 19; 6, 403, 444; 8, 85, 441, 523, 531; 9, 108; 10, 268
Yates, Vance J. 1, 304; 2, 538; 4, 384, 500; 5, 456; 6, 406; 9, 407; 10, 224
Yoder, Harry W., Jr. 6, 147; 7, 170, 435; 8, 481; 9, 291; 10, 83, 230

Z

Zajanc, A. 8, 555
Zander, D. V. 5, 154, 337
Zarkower, Arian 4, 402; 5, 107
Zoletto, R. 7, 38
Zolli, Zeno, Jr. 3, 135, 157

TEN-YEAR SUBJECT INDEX

1957-1966

Entries are by volume and first page

A

AAAP (*see* American Association of Avian Pathologists)
Achromycin (*see* tetracycline)
Actinomycetes, in fungus flora of hatcheries 8, 13
adenolike virus isolated from chicken kidney cell cultures 9, 31
Adenoma, transmissible pituitary chromophobe in parakeet 8, 203
Aedes aegypti, transmission of Rous sarcoma virus 6, 127
Aegyptianella pullorum, natural outbreak in chickens 10, 390
aerosol infection with viruses combined with *Mycoplasma gallisepticum* (abstr) 5, 455
airsacculitis produced by *Mycoplasma* in turkeys 7, 376; 8, 85, 523, 531; 9, 108
air sacs, anatomy, histology, and reactivity in the fowl (abstr) 5, 460
American Association of Avian Pathologists
  announcement, Avian Diseases now official publication of AAAP 4, 97
  annual meeting
    program, 1966 10, 256
    summary
      1960 5, 2
      1961 6, 132
      1962 7, 127, 237
      1963 8, 173
      1964 8, 689
      1965 9, 624
      1966 10, 547
  committees, 1965–66 9, 628
amino acid deficiencies in reaction to *Salmonella gallinarum* 10, 383
beta-aminopropionitrile, toxicity in White Pekin duck 9, 423
Ammi vesnaga, seeds cause of vesicular dermatitis in fowls 4, 275
ammonia, influence on resistance to Newcastle disease 8, 369; 10, 177
amprolium vs. *Eimeria tenella* in chickens 6, 185
anemia, aplastic, observations in Florida 6, 251
anesthesis, diethyl ether in 9, 227
Antarctic birds, respiratory flora and diseases of 2, 402
anthelmintics, hydromycin, field trials of 3, 478
antibiotics
  in breeders, effect on airsac lesions in offspring (abstr) 2, 542
  potentiation in poultry disease control (abstr) 4, 308
apoplectiform septicemia (see streptococcosis)
Arizona group
  of agricultural animal origin
    1958 3, 440; 4, 73
    1959 5, 147
  bacterin efficacy in turkeys 10, 239, 555
  bacteriology and serology in turkeys 10, 291
  experimental infection of adult turkeys 10, 329, 555
  infections, serologic tests for 10, 247, 555
  and *Salmonella*, differentiation from other enteric organisms (abstr) 1, 348
arthritis virus agent
  adaptation to cell culture 10, 462
  characteristics 10, 470
ascaracides, piperazine compounds 6, 493
Ascaridia columbae in pigeons, histology of liver lesions 7, 206; 8, 181
Ascaridia galli effects on chicks with infectious bronchitis 2, 99
Aspergillus
  in cowbirds and grackles 4, 94
  in fungus flora of hatcheries 8, 13
  meningoencephalitis in turkeys and ducks 2, 110
  pathology of mycotoxicosis in chickens 9, 57
  in wild ducks, causing granulomatous lesions 5, 89
Aspergillus flavus, in fungus flora of hatcheries 8, 13
Aspergillus fumigatus
  aspergillosis produced experimentally in hatching chicks 3, 404
  chlortetracycline vs., in chicks 6, 118
  epizootic nature in wild and domestic fowl 8, 1
  in fungus flora of hatcheries 8, 13
  hatchery sanitation as control measure 4, 369
Aureomycin (*see* chlortetracycline)

Aythya americana, new host for *Sarcocystis rileyi* 7, 212
Aythya valisineria, new host for *Sarcocystis rileyi* 7, 212

B

bacitracin
  toxicity for chicken embryos 2, 76
  vs. *Erysipelothrix insidiosa* in feed and water of turkeys 1, 275
  vs. ulcerative enteritis in quail 6, 111
bacterial L-forms, method of identification 3, 175
Bacterium anitratum, in complement fixation tests for ornithosis 7, 331
benzalkonium chloride, susceptibility of *Mycoplasma* to 5, 150
birds, captive exotic, neoplasms in 6 individuals 1, 290
blackhead, protozoan etiology of 6, 302
blood
  carboxyhemoglobin in chick, colorimetric determinations 8, 76
  cells
    counts in chicken 2, 241
    effect of estradiolcyclopentylpropionate in chicken 2, 63
    normal and abnormal (abstr) 5, 454
    staining in chicken 3, 272
  plasma enzyme levels, measure of pathology 4, 402
bluecomb
  bacterial agent isolated in turkeys 4, 391
  control in turkeys 5, 440
  Vibrio agent of, transmission and serology 8, 27
bones, structure in caged laying hens (abstr) 1, 349
book reviews
  Atlas of Avian Hematology, Alfred M. Lucas and Casimir Jamroz, 1961 6, 248
  The Avian Embryo: Structural and Functional Development, Alexis L. Romanoff, 1960 4, 541
  Coccidia and Coccidiosis, L. P. Pellerdy, 1965 10, 130
  Methods for the Examination of Poultry Biologics, Natl. Acad. Sci.–Natl. Research Counc., 1959 4, 540; 9, 203
  Newcastle Disease Virus—An Evolving Pathogen, Robert P. Hanson, ed., 1964 10, 255
  Pseudopest of Birds (Newcastle Disease), V. N. Syurin, 1964 9, 202
Borrelia anserina
  carrier state in chickens 8, 191
  paper electrophoresis of serum protein of chicks 10, 208
Borrelia gallinarum in chickens, blood constituents of 10, 394
breast blisters, experimental production of by *Mycoplasma* 6, 135
2-bromo-5-nitro pyridine vs. mycotoxicoses 6, 420
2-bromo-5-nitro thiazole vs. mycotoxicoses 6, 420
Bucephala clangula, new host for *Sarcocystis rileyi* 7, 212

C

cage layer fatigue
  relation to calcium and phosphorus deficiency 8, 92
  review 3, 122
caged laying hens, bone structure of (abstr) 1, 349
cage paralysis (*see* cage layer fatigue)
calcium, low dietary
  in potentiating chlortetracycline and oxytetracycline vs. *Mycoplasma gallisepticum* and *Escherichia coli* 8, 135
  in potentiating oxytetracycline in broilers 5, 183, 409
  in potentiating tetracyclines vs. *Mycoplasma synoviae* 3, 353
  relation to cage layer fatigue 8, 92
  vs. chronic respiratory disease 4, 413
  vs. *Mycoplasma gallisepticum* in chicks 6, 165
calcium phosphorus, effect on antibiotics vs. infectious synovitis 3, 135
canaries, *Salmonella typhimurium* in, nitrofurans vs. 6, 275
Candida, incidence and therapeutics in the Sacramento Valley 5, 232
Candida albicans
  associated with aortic changes in turkeys 8, 454; 9, 520
  copper sulfate and nystatin vs., in chicks and poults 7, 304
  experimental infection in chickens, effect of vitamin A deficiency 4, 138
  mycostatin vs., in chickens on high glucose 6, 238
Capillaria obsignata, evaluation of control measures 4, 546
capillariasis, multiple, in game-farm pheasants 10, 428
carbon dioxide, influence on chicken resistance to Newcastle disease 10, 177, 216

carcinomatosis, peritoneal, histology in laying hen 8, 513
cathomycin vs. infectious synovitis 2, 514
cell culture
of CELO virus 5, 313; (abstr) 4, 544
CELO virus as contaminant 6, 406
chick embryo, continuous culture in vitro 8, 391
cultivation and modification of *Mycoplasma synoviae* 4, 152
in duck embryo fibroblast, of eastern encephalitis virus 5, 321
of infectious bronchitis virus (abstr) 1, 117
CELO virus (*see* chicken embryo lethal orphan virus)
chicken embryo lethal orphan virus
cell culture and pathology of virus (abstr) 4, 544
as cell-culture contaminant 6, 406
cell-culture propagation and pathology of virus 5, 313
epizootiology of 4, 500
latent infection in chick embryo, effect on propagation of Newcastle disease and influenza viruses 9, 407
propagation in embryonating eggs, influence of egg weight 10, 224
relation to quail bronchitis virus 3, 321
stability to various agents, and electron-microscope study 7, 38
study by agar gel diffusion (abstr) 5, 456
Chilomastix in quail, first reported 8, 465
chloromycetin
Mycoplasma resistance to, *in vitro* 2, 442
toxicity for chicken embryos 2, 76
vs. *Mycoplasma* 4, 456
p-chlorophenyl-(trichloromethyl) thiosulfonate vs. mycotoxicoses 6, 420
chlortetracycline
potentiation by terephthalic acid 5, 25
toxicity for chicken embryos 2, 76
vs. *Aspergillus fumigatus* in chicks 6, 118
vs. chronic respiratory disease 3, 443, 457; 4, 413
vs. *Erysipelothrix insidiosa*, in feed and water of turkeys 1, 275
vs. infectious hepatitis 2, 19
vs. infectious sinusitis egg transmission in turkeys 2, 180
vs. *Mycoplasma* 4, 419
vs. *Mycoplasma gallisepticum* in chickens 5, 188
in chicks 6, 165
in young chickens 9, 67
resistance developed in chick embryos 5, 283
and *Escherichia coli*, in chickens 8, 135
vs. *Mycoplasma synoviae* 2, 514; 3, 312
in chickens 4, 42
effect of calcium phosphorus and terephthalic acid on 3, 135
potentiating effect of terephthalic acid 2, 450
vs. *Salmonella gallinarum*, resistance from continuous feeding 7, 457
vs. turkey ornithosis virus of low virulence 3, 170
vs. ulcerative enteritis, in quail 6, 111
chorioretinitis, granulomatous, causing blindness in turkeys 1, 27
chronic fowl cholera in turkeys, cranial form 10, 518
chronic respiratory disease (*see also* Mycoplasma)
antibiotics vs. 3, 457
in chickens, transmission 4, 348
chlortetracycline and low calcium vs., effect on *Mycoplasma gallisepticum* in chicks 6, 165
chlortetracycline and terephthalic acid vs. 3, 443
complicated, Mycoplasma, infectious bronchitis virus, and *Escherichia coli* in 6, 13
development of 5, 431
egg transmission, effects of exposing chicks to *Mycoplasma gallisevticum* 8, 215
erythromycin vs., in egg dipping 7, 287
Escherichia coli serotypes isolated from 6, 322
Mycoplasma of, four methods of isolating 1, 101
Mycoplasma gallisepticum in chicks artificially exposed 6, 171
oxytetracycline vs. (abstr) 3, 486
tylosin vs. (abstr) 4, 307
Chukar (*see* partridge)
Clostridium
in capons, first report 7, 342
causing gas gangrene in growing chickens 9, 317
Clostridium botulinum, outbreak on pheasant game farm 3, 344
Clostridium septicum, in gangrenous dermatitis of chickens 8, 269
coal tar poisoning in White Pekin duck 10, 484
cobalt-60 vs. starlings 8, 555

coccidiosis (*see* Eimeria)
cod liver oil, effect on incidence of lymphocytomas 8, 403
complement fixation test, modified, with duck, turkey, and chicken serum antibody 5, 270
complex respiratory disease, effect of sequence of infection in chickens 8, 321
condemnation losses, action by poultry inspection to reduce (abstr) 4, 542
conjunctivitis caused by infectious laryngotracheitis virus 4, 272
copper
  deficiency, skeletal lesions 8, 48
  requirement of growing chickens 8, 227
copper sulfate vs. *Candida albicans* in chicks and poults 7, 304
Coturnix (*see* quail)
cowbird, *Aspergillus* in 4, 94
crane, Greater Sandhill, *Salmonella* in, in New Mexico 8, 312
CRD (*see* chronic respiratory disease; *see also* Mycoplasma)
Crotalaria spectabilis, toxicity in turkeys 7, 318
Culex tarsalis, in transmission of fowl pox virus 10, 57

D

DDT vs. *Syngamus trachea* in pheasants 5, 11
debeaking, spread of *Salmonella pullorum* through 4, 109
dehydrogenases in chicken plasma 3, 407
deoxycorticosterone trimethylacetate vs. *Mycoplasma gallisepticum* in chronic respiratory disease of chickens 6, 258
Dermanyssus gallinae, differentiation from *Ornithonyssus sylviarum* 4, 133
dermatitis, gangrenous, of chickens 8, 269
devocalizing poultry electrosurgically 8, 81
diesel fuel oil vs. *Syngamus trachea* in pheasants 5, 11
diethyl ether in anesthetizing chickens 9, 227
dihydrostreptomycin
  toxicity
    for embryos 2, 76
    in pigeon and chicken 2, 187
  vs. chronic respiratory diseases in chickens 2, 269
  vs. egg transmission of infectious sinusitis in turkeys 2, 180
  vs. infectious hepatitis 2, 19; 3, 302
  vs. turkey ornithosis virus of low virulence 3, 170
6-dimethylchlortetracycline vs. *Mycoplasma gallisepticum* in chickens 5, 188
1:2-dimethyl-5-nitroimidazole (*see* dimetridazole)
dimetridazole vs. *Histomonas meleagridis* in turkeys 9, 394
3,5-dinitrobenzamide vs. paratyphoid in turkeys 5, 5
3,5-dinitro-ortho-toluamide
  toxicity in broilers 7, 471
  vs. *Eimeria*, along with commercial vaccine 7, 12
diseases and respiratory flora of Antarctic birds 2, 402
Dispharynx nasuta in pigeons, causing severe proventriculitis 5, 60
drugs, economics of worth in carcass quality (abstr) 4, 306
duck
  artifact in livers 1, 130
  meningoencephalitis in, caused by Aspergillus 2, 110
  Muscovy, *Salmonella pullorum* in 7, 168
  Pasteurella anatipestifer in, pathology 10, 281
  thiophosphate poisoning of 1, 127
  Toxoplasma gondii in, first case in Argentina 6, 391
  White Pekin
    beta-aminopropionitrile toxicity in 9, 423
    coal tar poisoning in 10, 484
    duck virus hepatitis in 7, 411
    eastern encephalitis in ducklings 4, 247, 444
    liver diseases of 7, 217, 344
    Pasteurella anatipestifer in (abstr) 3, 486
    pathology of paratyphoid in 5, 415
    Salmonella in (10-year summary) 6, 145
  wild, *Aspergillus* causing granulomatous lesions of 5, 89
duck hepatitis
  distribution of virus in ducklings and chicken embryos 8, 264
  pathology of 1, 256
  properties of virus 8, 196
  in White Pekin ducklings from immunized and unimmunized dams 7, 411
dust, influence on resistance to Newcastle disease in chickens 10, 177

E

eastern encephalitis
  in Chukar partridges, first report in Florida 9, 8
  virus in duck embryo fibroblast culture 5, 321
  virus multiplication and cytopathogenicity in duckling kidney cell culture 5, 116
  in White Pekin ducklings 4, 247, 444
eastern equine encephalomyelitis (*see* eastern viral encephalomyelitis)
eastern viral encephalomyelitis
  clinical manifestations in pheasants 9, 530
  in Chukar partridges 4, 380
ECP (*see* estradiolcyclopentylproprionate)
egg
  dipping
    for disease prevention, permeability and absorption 8, 245
    vs. *Mycoplasma gallisepticum* 7, 178
  production quality, effect of infectious bronchitis on 1, 136
  retained caseous yolk sacs caused by *Escherichia coli* 8, 438
  transmission
    of infectious sinusitis of turkeys 1, 165
    of infectious synovitis, further evidence of 2, 494
    of *Mycoplasma* in chickens 1, 208
  treatment for disease prevention mechanics of 7, 89
    ultrasonic energy in 8, 538
egret, losses from verminous peritonitis 5, 135
Eimeria
  acid and alkaline phosphatase levels in chickens 5, 107
  coccidiostats vs. mixed infections 5, 222
  effects on feed and water intake in chickens 9, 343
  effects on glands in growing chicks 8, 7
  renal, in geese (abstr) 1, 349
  vaccination (abstr) 4, 305
  vaccine vs., along with Zoalene and Trithiadol 7, 12
Eimeria tenella
  amprolium vs., in chickens 6, 185
  nihydrazone vs., in chicks 9, 21
  Novastat vs., in chicks 10, 410
embryo
  death time in Newcastle disease, influence of incubation temperature 2, 138
  gross abnormalities in, from continuous high temperature 5, 177
  inoculation technique for isolating viruses 1, 62
  toxicity of furazolidone and antibiotics for 2, 76
encephalitis from neurotropic *Mycoplasma* in turkey poults 1, 235
encephalomyelitis
  chicken embryo lethal strain 3, 239
  control
    immunization for control 2, 279
    tentative program for 5, 456; 6, 134
  in Coturnix quail 6, 226
  detecting immunity levels, serum-neutralization test for 3, 95
  development of vaccine, regulatory activities in 7, 123
  distribution in North America 4, 122
  epizootiology 4, 325
  followed by cataract formation in White Leghorn in-crosses 7, 495
  immune responses to vaccination 3, 225
  immunization with inactivated virus 3, 245; 5, 445
  inoculated in chicken embryo, pathology (abstr) 2, 542
  isolation of virus (abstr) 4, 545
  landmarks in (abstr) 4, 304
  lens opacities associated with 1, 247
  neutralization test of virus 4, 232
  oral vaccine for, development and application 5, 297
  plaque formation of virus in embryo kidney cell culture (abstr) 3, 484
  beta-propiolactone-inactivated virus, immune response to 4, 116
  search for hemagglutinating property of virus 10, 513
  virus multiplication in chick embryo tissues 9, 104
enteric cytopathogenic agents, isolation and classification 6, 51
enteric organisms, differentiation from *Salmonella* and Arizona groups (abstr) 1, 348
enteritis, ulcerative, chemotherapy in quail 6, 111
enteroviruses
  characteristics of a prototype 3, 419
  cytopathogenic, isolation and serology 8, 632
  excretion and serotypes in chicks 10, 27
  isolation 3, 412
epidemic tremors (see encephalomyelitis)

Epierus pulicarius as intermediate host for *Raillietina cesticillus* in poultry 8, 347
equine encephalomyelitis in pheasants in Florida 3, 89
Erysipelothrix insidiosa
antibiotics against, in feed and water of turkeys 1, 275
bacterin made from, antigenicity in turkeys 5, 327
in turkeys 1, 42
Erysipelothrix rhusopathiae (see Erysipelothrix insidiosa)
erythroblastosis inducing osteopetrosis by inoculation of virus from chickens 7, 79
erythromycin
contaminated with *Pseudomonas aeruginosa*, infecting chicks 10, 353
therapy in poultry diseases (abstr) 4, 306
vs. chronic respiratory disease in egg dipping 7, 287
vs. egg transmission of infectious sinusitis in turkeys 2, 180, 250, 290
vs. *Mycoplasma* 4, 456
by dipping eggs 3, 257; 6, 72, 191
vs. *Mycoplasma gallisepticum* 4, 176; 9, 67
by dipping eggs (abstr) 5, 454
vs. *Pasteurella multocida* 6, 7
vs. turkey ornithosis virus of low virulence 3, 170
Escherichia coli
cause of retained caseous yolk sacs 8, 438
in chickens 3, 370
in chicken eye 1, 36
in chicken vaccines (abstr) 1, 347
in complicated chronic respiratory disease 6, 13
as complication in Newcastle disease vaccination 5, 132
indirect hemagglutination test for, in chickens 8, 637
plus *Mycoplasma gallisepticum*, antibiotics vs. 8, 135
serotype useful for experimental infection 9, 264
serotypes isolated from salpingitis and chronic respiratory disease 6, 322
synovitis caused by 5, 218
estradiolcyclopentylproprionate, effect on blood cells of chicken 2, 63
ethyl sulfate, inactivation of Newcastle disease virus, immunogenicity 10, 83
ethyl-1,3,5-trimethyl-4-nitroso-2-pyrrole-carboxylate vs. mycotoxicoses 6, 420
Eustrongylides, associated with die-off of mergansers 8, 420
eye
blindness in turkeys from granulomatous chorioretinitis 1, 27
cataract formation following encephalomyelitis 7, 495
chicken, *Escherichia coli* in 1, 36
conjunctivitis caused by infectious laryngotracheitis virus 4, 272
failure of chlorinated naphthalenes to produce keratoconjunctivitis in turkeys 4, 38
lens opacities associated with epidemic tremors 1, 247

F

Fahey-Crawley virus
properties of 4, 79
symptoms and serological response of chickens 4, 165
falcon, prairie, *Serratospiculum amaculata* in 8, 412
feed
contaminated, associated with salmonellosis 6, 43
Salmonella in animal products used in 3, 290
Salmonella isolated from 2, 396
Salmonella typhimurium in, detection 7, 423
flora, respiratory, and diseases of Antarctic birds 2, 402
fluorescent antibody techniques in veterinary research (abstr) 1, 345
folacin deficiency in poults 9, 504
fowl cholera
killed vaccine vs. *Pasteurella multocida* 2, 322; 4, 429
Pasteurella multocida associated with, two immunogenic types 6, 315
fowl pox
quantitative titration of, cell agglutination technique for 5, 139
response to vaccination with different virus concentrations 9, 237
vaccination
effects on chicken organs 9, 146
experience with (abstr) 4, 309
vaccine, viability of 5, 196
virus
Culex tarsalis in transmission 10, 57
lyophilized, rate of inactivation 7, 170
neutralization antibody and viremia in turkeys 6, 396

fungi
experimental infections in chickens 2, 154
isolates
from around U.S., tissue reactions to 6, 511
in hatcheries 8, 13
furacin vs. *Pasteurella multocida* 6, 7
Furaltadone
vs. *Salmonella pullorum* 5, 214
in stressed broilers 5, 333
furazolidone
Mycoplasma resistance to, *in vitro* 2, 442
Salmonella gallinarum resistant to 5, 382; 7, 294
toxicity for chicken embryos 2, 76
use in Chukar partridges 4, 218
vs. *Erysipelothrix insidiosa*, in feed and water of turkeys 1, 275
vs. infectious hepatitis 2, 19; 3, 302
vs. *Mycoplasma synoviae* 2, 514; 3, 312
vs. *Salmonella* in chicks 6, 228
vs. *Salmonella pullorum* (abstr) 4, 544
carriers 4, 48
in chickens 1, 328; 2, 428; 4, 223
in day-old chicks 4, 63
vs. *Salmonella typhimurium* in chickens 1, 180; 4, 22
vs. turkey ornithosis 2, 117
vs. ulcerative enteritis in quail 6, 111

G

Gallus domesticus, neurolymphomatosis in, observations 8, 459
Gallus gallus, skin leukosis in, pathology 7, 402
gapeworm (see *Syngamus trachea*)
gas gangrene, caused by *Clostridium*, in growing chickens 9, 317
gastrocnemius tendon, rupture, in chickens 7, 451
Gelsemium sempervirens fed to chickens and turkeys, effects 8, 183
goose
antibody response in, to Newcastle disease virus 2, 365
Canada, multicentric neurofibrosarcoma in 7, 196
renal coccidiosis in (abstr) 1, 349
gout, articular, in turkeys 6, 32
grackle
Aspergillus in 4, 94
pseudotuberculosis in, case report 6, 506
Gumboro disease
induced experimentally in chickens 8, 561
on-farm studies in broilers 8, 584

H

Haemophilus gallinarum
antibody response in chickens 8, 441
bacterins or vaccines, efficacy tests 5, 352
chemical and antibiotics vs., in chickens 6, 211
formalinized bacterins vs., in chickens 7, 239
pathology of respiratory tract, in chickens 6, 1
serology studies, agar gel precipitation test in 9, 591
susceptibility to, of Japanese quail 9, 272
hairworm (see *Capillaria obsignata*)
hatchery sanitation (abstract) 2, 539; 3, 486
hemagglutination-inhibition, tube test, serum dilution techniques compared 8, 462
beta hemagglutination-inhibition test, simplification 1, 75
hemagglutinating agent distinct from Newcastle disease isolated from respiratory tract 5, 253
hematology, application in broiler chickens 1, 67; 2, 241
Haemophilus gallinarum, inactivated vaccine vs. infectious coryza 5, 37
hepatitis
an agent causing, in chickens 2, 39
duck
cell-culture-modified virus, properties 10, 157
chicken-embryo-lethal virus strain 9, 417
in embryo liver cell cultures 10, 508
turkey
clinical, immunological, and serological observations 9, 578
infectious agent producing 3, 377
physicochemistry of virus 9, 152
vibrionic
diagnosed in San Diego County 8, 310
diagnostic techniques 8, 428
vibrios isolated from in chickens 2, 348, 358
virus
in embryo fibroblast cultures 9, 285
further studies of 4, 477
isolated in turkeys 3, 388
passage in chicken embryos 6, 435
pathology of 1, 256
Herellea-like bacteria, antigens prepared from, variations in complement fixation 10, 199
heron losses from verminous peritonitis 5, 135

histamine fed to chicks, pathology of 4, 12
Histomonas
as agent of blackhead 6, 302
pathogenicity in chickens, and susceptibility with age 5, 355
Histomonas meleagridis
differentiating disease from mycosis by staining techniques 10, 357
dimetridazole vs., in turkeys 9, 394
5-nitro-2-furaldehyde acetylhydrazone and 4,7-phenanthroline-5,6 quinone vs., in turkeys 9, 400
Hjarre's disease, genetic susceptibility in White Leghorns 7, 1
Honorary Lifetime Editor, designation of P. P. Levine 5, 221
hydromycin, field trials as anthelmintic 3, 478
8-hydroxyquinoline vs. mycotoxicoses 6, 420; 7, 56
hygromycin as an anthelmintic, field trials 3, 478
hysteria, avian, preliminary observations (abstr) 5, 351

I

inclusion bodies, hepatic, of unknown significance 7, 446
incubation temperature, influence on embryo death time in Newcastle disease 2, 138
infectious bronchitis
Beaudette and Massachusetts strains, serologic differences 7, 325
cell-culture propagation, cytopathogenic effects 2, 456
in chickens with *Mycoplasma gallisepticum*, effects 6, 267
in chicks, effects of *Ascaridia galli* on 2, 99
in complicated chronic respiratory disease 6, 13
diagnosis by agar gel precipitin 6, 478
effects on reproductive tract, egg production, and egg quality 1, 136
in Hawaii 4, 196
identification and epizootiology in a closed flock 10, 111
immunity, criteria for evaluating 1, 304; 8, 153
inoculated into chicken embryo, pathology (abstr) 2, 542
interference with Newcastle disease virus in chicken embryos 7, 106
modified hemagglutination test for chickens 6, 99
neutralizing antibodies for detection by plaque reduction 10, 305
plus *Mycoplasma synoviae*, effect on lesions and agglutinins 8, 623
rapid embryo passage of virus, effects 5, 157
sensitivity to virus, of embryonating eggs and embryo kidney and liver cultures 9, 308
serum-neutralization test, simplified technique 7, 203
several isolates, antigenic and immunological studies 5, 102
vaccine, test for live virus content of 1, 91
virus
cell culture studies of (abstr) 1, 117
distribution in chick tissues 10, 230
dose response (pathology) of tracheal mucosa to (abstr) 1, 118
in embryos, distribution of P^{32} and S^{35} in 1, 110
interference with Newcastle disease in chickens 8, 471
isolate inoculated, embryo differences resulting 10, 162
lyophilized, rate of inactivation 7, 170
studies in cell culture 9, 182
types, incidence in U.S. 10, 98
variant, immunology of 8, 40
variant in a commercial vaccine 4, 312
infectious coryza (see *Haemophilus gallinarum*)
infectious hepatitis
agent, characteristics 2, 19
avian 2, 358
egg transmission (abstr) 2, 541
manifestations 2, 3
in pheasants, first reported 9, 382
treatment in layers 3, 302
various drugs vs. 2, 19
infectious laryngotracheitis
biological variation of the virus 2, 375
chicken responses to certain viruses 2, 383
in chickens, indirect transmission 2, 54
growth of two virus isolates inoculated to chorioallantoic sac 8, 101
immunity from conjunctival vaccination, duration and degree 7, 184
literature on, review 10, 1
modified virus from cell culture 8, 105
outbreaks following vaccination of chickens 9, 559

parental immunity 4, 491
of poultry in Finland 9, 339
quick diagnosis 4, 474
revaccination procedures for 4, 291
serologic and immunogenic properties 6, 59
studies of (abstr) 2, 538
tissue culture and chicken embryo, techniques for studies 4, 235
tissue-culture-modified virus, strain stability and immunology 9, 44
vaccination, parental immunity and age effects on response 4, 467
virus cause of conjunctivitis of chickens 4, 272
virus propagation
in cell culture 4, 384
in embryonated eggs 7, 31
infectious sinusitis (*see also* Mycoplasma)
of turkeys
egg transmission, antibiotics vs. 2, 180
erythromycin vs. 2, 250, 290
isolation from pheasants 2, 370
role of *Mycoplasma* in 2, 336
transmission and control 2, 173
infectious synovitis (*see also* Mycoplasma synoviae)
agglutination test antigen, preparation of 7, 310
calcium phosphorus and terephthalic acid vs. 3, 135
chlortetracycline vs.
in chickens 4, 42
potentiating effect of terephthalic acid 2, 450
clinical and pathological manifestations 2, 499
cultivation and modification in cell culture 4, 152
distribution in chicken tissues 1, 312
drug prophylaxis and therapy 2, 514
effects of furazolidone and chlortetracycline 3, 312
egg transmission, further evidence 2, 494
immunity studies 3, 126
infectivity of blood and tissues from chickens with 3, 361
inoculated in chicken embryo, pathology (abstr) 2, 542
with *Mycoplasma* in a synovitis of chickens 1, 82
pathology and control (abstr) 1, 121
susceptibility to 3 agents, effect of chicken age 8, 256
three entities studied 8, 209
influenza virus propagation
in chick embryo, effect of latent CELO infection 9, 407
in embryonating eggs, influence of egg weight 10, 224
inspection of poultry
action to reduce condemnation losses (abstr) 4, 542
ante-mortem, supplementing post-mortem inspection 9, 441
pathological aspects under the Act (abstr) 2, 540
separation of leukotic and nonleukotic lesions in turkeys 7, 19
isolation (*see under specific organism*)
isolation techniques (*see under* techniques)

J

JM virus, lymphomatosis due to, pathogenesis 8, 281

K

keratoconjunctivitis in turkeys, failure of chlorinated naphthalenes to produce 4, 38

L

Laminosioptes cysticola in chickens, incidence report 9, 78
laryngotracheitis
diagnosis, slide smear technique for 3, 80
serum neutralization test for, in chickens 2, 258
vaccine viability 5, 196
virus lyophilized, rate of inactivation 7, 170
lead poisoning of whistling swans in Wisconsin 9, 252
lesions, leukotic and nonleukotic, separation on inspection line 7, 19
leucocyte count, influence of husbandry and other factors 7, 149
Leucocytozoon caulleryi, gametogony of, new interpretation of 7, 361
Leucocytozoon smithi, schizogony, transmission, and control in turkeys 6, 195
leukosis
effect of nutrition on mortality from, in chicken 9, 119
flock free of, development of 7, 154
incidence in broilers at processing 6, 430
RPL12 and field isolates, response to embryo or chick inoculation 8, 123
skin, pathology in *Gallus gallus* 7, 402
virus isolate, characterization 10, 146

leukosis complex, conference on, commentary on deliberations of 10, 441
limy-bird disease in Tasmanian mutton-bird 7, 67
Listeria monocytogenes, experimental infection of turkeys 5, 229
listeriosis in fowls, a review 2, 296
liver diseases of White Pekin duck 7, 217, 344
lymphocytomas, incidence, effect of cod liver oils 8, 403
lymphoid leukosis in genetically similar chickens 10, 477
lymphoid tumor
  cytoplasmic antigen in, in chicken 5, 392
  virus particles in, in chicken 5, 400
lymphoma, chicken, transplant, histological reaction 2, 123
lymphomatosis
  in absence of RIF virus, in chickens 10, 32
  air-borne transmission in chicks 7, 102
  due to JM virus, pathogenesis 8, 281
  incidence and pathology in chickens of various ages 7, 97
  influence of parental antibody on, in chickens 10, 43
  mortality and serology in chickens of various ages 9, 604
  virus strains developed by serial passage in chickens 9, 82
  a virus of unusual lethality 8, 336
lyophilized viruses, rate of inactivation 7, 170

M

magnamycin vs. turkey ornithosis virus of low virulence 3, 170
meningoencephalitis
  caused by *Aspergillus* in turkeys and ducks 2, 110
  caused by ornithosis agent in young chickens 7, 480
  following ornithosis infection in turkeys 9, 266
mercury bichloride vs. *Syngamus trachea* in pheasants 5, 11
mergansers, *Eustrongylides* in, associated with die-off 8, 420
methods *(see* techniques)
microbial counts, a method for hatcher fluff 6, 24
Miyagawanella, 13 strains, electron microscope survey 5, 121
Miyagawanella ornithosis with low virulence, resistance from vaccination 9, 220
mortality, survey in White Leghorn females 4, 258
mourning dove, pox in, in Maryland 4, 198
Mucor isolated from granuloma in penguin 5, 367
Mycoplasma
  in airsacculitis in day-old poults 7, 376
  antibiotic resistance and mutation rates 4, 456
  antibiotics vs., by dipping eggs 6, 72
  antigen, nonspecific plate agglutination reactions with (abstr) 4, 546
  antigens for detecting agglutinins in turkey sera 6, 349
  associated with synovitis 4, 515
  avian
    characterization 8, 481
    strain differences 1, 19
  bacterial L-forms, history and cultivation (abstr) 1, 347
  chlortetracycline and terephthalic acid vs. 4, 419
  in complicated chronic respiratory disease 6, 13
  cultivation of 4, 3
  dihydrostreptomycin propylene glycol spray vs. 2, 269
  direct enumeration of 2, 147
  effect of low calcium terephthalic acid, and chlortetracycline 4, 413
  egg transmission of (abstr) 1, 119
  egg transmission in turkeys 1, 208; 3, 197
  encephalitis in turkey poults 1, 235
  erythromycin vs., by dipping eggs 6, 191
  field outbreaks, laboratory analysis of 1, 94
  four methods of isolating, compared 1, 101
  in human and avian cell cultures, characteristics 8, 274
  with infectious synovitis agent, in a synovitis of chickens 1, 82
  infectious-synovitis-type, cultivation of 6, 36
  inoculated into chicken embryo, pathology (abstr) 2, 542
  isolation
    media for, re-evaluated 2, 409
    and serologic typing (abstr) 4, 545
    swine serum and CO_2 in 3, 428
  lyophilization of 2, 132
  morphology 3, 452
  origin of S6 strain 5, 154
  in partridges 1, 222
  producing airsacculitis by inoculation in turkeys 9, 108

production of breast blisters by 6, 135
resistance to antibacterial agents 2, 442
response to vaccination (abstr) 1, 346
reversion to bacterial L-forms (abstr) 1, 347
role in infectious sinusitis of turkeys 2, 336
serology 4, 505; 7, 272
serotype previously unreported 6, 147
serum spot plate test for 2, 213
survival
in broth and semisolid media 4, 436
in eggs dipped in antibiotics 3, 257
susceptibility to benzalkonium chloride 5, 150
in turkey airsacculitis
natural and experimental infection 8, 531
pathogenicity to chicks 8, 523
tylosin vs., in egg transmission 10, 194
Mycoplasma gallinarum (see Mycoplasma gallisepticum)
Mycoplasma gallisepticum
antibiotics vs., in young chickens 9, 67
antibodies
anti-globulin technique for detecting 8, 576
incidence in Wisconsin chickens 10, 407
antigen production 6, 359
antigenic structure, effect of culture medium 10, 173
broilers free of, offspring from 6, 161
in chickens, effect of infectious bronchitis on 6, 267
in chickens, tetracyclines vs. 5, 188
in chicks artificially exposed 6, 171
clinical course of disease 3, 114
combined with viruses, aerosol infection with (abstr) 5, 455
control by dipping eggs in antibiotics (abstr) 5, 454
deoxycorticosterone trimethylacetate vs., in chronic respiratory disease of chickens 6, 258
early exposure of chicks to, effect on egg transmission of chronic respiratory disease 8, 215
egg dipping vs. 7, 178
egg transmission 3, 105
controlled vs. natural infections 10, 189
in turkeys 1, 165
eradication in hatchery by serological testing 5, 168
erythromycin vs. 4, 176
in fresh eggs and blood, isolation of 8, 36
growth of, effect of atmosphere 6, 328
isolation
from chicks, as affected by chlortetracycline and low calcium 6, 165
from pheasants 2, 370
killed antigen, hemagglutination and hemagglutination-inhibition 9, 566; 10, 127
lymphofollicular nodules associated with, in turkey 6, 289
morphology and development under electron microscope 9, 241
plus *Escherichia coli* in chickens, antibiotics vs. 8, 135
production of salpingitis by, in chickens 6, 499
resistance developed in chick embryos to Spiramycin, streptomycin, and chlortetracycline 5, 283
serological study in turkeys 1, 170
serum fraction requirements of 10, 438
six isolates, antigenicity 9, 205
Spiramycin vs. 5, 201
strains in Argentina, microbiology of 7, 369
susceptibility to, effect of chicken age 8, 256
test for 4, 485
three titer methods compared on serums of chickens and turkeys 9, 460
in turkeys, egg transmission 3, 28
tylosin vs.
in egg transmission 9, 291
evaluation with birds from infected embryos 8, 614
vaccination of chickens with 6, 412
wholesomeness effects in market turkeys 8, 596
Mycoplasma meleagridis
pathogenicity for embryos of turkey and chicken 10, 268
in reproductive and respiratory tracts of turkeys 10, 347
Mycoplasma synoviae
age of chickens, effect on susceptibility 8, 256
antigen study in control of infectious synovitis 8, 209
plus infectious bronchitis, effect on lesions and agglutinins 8, 623
mycosis, differentiation from histomoniasis by staining techniques 10, 357

mycostatin vs. *Candida albicans* in chickens on high glucose 6, 238
mycotoxicosis
from *Aspergillus*, pathology in chickens 9, 57
8-hydroxyquinoline vs., in chicks 7, 56
selected compounds vs. 6, 420
myxovirus, unidentified, isolated from chickens with a respiratory disease (abstr) 4, 304

N

naphthalenes, chlorinated, failure of to produce keratoconjunctivitis in turkeys 4, 38
National Animal Disease Laboratory, poultry biologics services at 7, 125
neomycin
toxicity for chicken embryos 2, 76
vs. turkey ornithosis virus of low virulence 3, 170
neoplasms
correlation with Rous Virus neutralizing antibodies 2, 167; 5, 337
sequelae of gonadal maldevelopment in intersexual fowls 9, 327
in six captive exotic bird species 1, 290
nephroblastoma, virus-induced, transmission and pathology 6, 455
nephroma, embryonal, histologic patterns 10, 452
nephrosis, apparently new disease of chickens 6, 385
neural leukosis, incidence, as affected by management (abstr) 2, 539
neurofibrosarcoma, multicentric, in a Canada goose 7, 196
neurolymphomatosis in *Gallus domesticus*, observations 8, 459
new virus, tentatively named Wilmot virus, isolated from Ontario turkey flocks 9, 495
Newcastle disease
agent resembling found in eggs of vaccinated hens 9, 1
anatomical responses in White Leghorn strains 8, 221
antigenicity and immunogenicity, relations among strains 9, 157
antibody response in Canada goose 2, 365
cell-culture-modified virus 2, 197, 227
immunogenicity in chickens 2, 227
cell-culture vaccine, evaluation 9, 348
crystal-violet-inactivated vaccines, immunity induced by 2, 466
embryo death time, influence of incubation temperature 2, 138
embryo refractivity to infection with virus 7, 257
formalin-inactivated vaccine, immunity study 6, 284
heat-inactivated, immunological antigenicity 4, 205
in immature White Leghorn cockerels, body temperatures of 5, 292
immunity induced by modified virus 2, 466
immunization against, egg yolk for 7, 5
inactivated virus, immunogenicity 7, 435; 10, 83
inoculated in chicken embryo, pathology (abstr) 2, 542
interference with by infectious bronchitis virus
in chicken embryos 7, 106
in chickens 8, 471
intranasal vaccination with B-1 strain 4, 187
invasion of brain by, in chicken 10, 122
plus infectious bronchitis vaccine, effect of chicken age and passive immunity on response 1, 195
propagation
in chick embryo, effect of latent CELO infection on 9, 407
in embryonating eggs, influence of egg weight 10, 224
beta-propiolactone-killed virus vaccine, immune response in chickens 8, 61
resistance to
in chickens
influence of carbon dioxide 10, 216
influence of poultry house dust, ammonia, and carbon dioxide 10, 177
effects of ammonia 8, 369
genetic differences in 5, 205
respiratory tract pathology in chickens 7, 417
responses of turkeys to mesogenic strain 10, 556
revaccination against in chickens 5, 18
signs, virus isolation, and serology following challenge 7, 135
survival of virus in nature 2, 82
tests for
in pheasants 7, 193
rapid macroscopic plate agglutination 4, 320
three strains of virus, activity and pathogenicity following adsorption on chicken brain cells 10, 273

tobacco mosaic virus vs., in chickens and turkeys 5, 362
vaccination
during outbreak, effects 10, 422
Escherichia coli as complication 5, 132
immunity level and duration 6, 333
vaccines
of B-1 strain, bird response 6, 297
immunity study of three types (abstr) 1, 115
killed, further studies 3, 12
beta-propiolactone-killed (abstr) 4, 543
response and immunity (abstr) 2, 541
two killed, evaluation 3, 3
in water supply, factors influencing response (abstr) 1, 122
virus
lyophilized, rate of inactivation 7, 170
propagation in cell culture (abstr) 1, 120
strain indistinguishable from Texas GB 10, 372
nihydrazone, vs. *Eimeria tenella* in chicks 9, 21
5-nitro-2-furaldehyde acetylhydrazone vs. *Histomonas meleagridis* in turkeys 9, 400
nitrofurans vs. *Salmonella typhimurium*
in parakeets and canaries 6, 275
in poults 4, 22
nitrosoguanidine, inactivation of Newcastle disease virus, immunogenicity 10, 83
beta-nitrostyrene vs. mycotoxicoses 6, 420
North Central Poultry Disease Conference, committee report, principal poultry diseases diagnosed (*see* poultry disease incidence)
Northeastern Conference on Avian Diseases, committee report, nomenclature and reporting of disease (*see* poultry disease incidence)
Novastat vs. *Eimeria tenella* in chicks 10, 410
Nystatin
vs. *Candida albicans* in chicks and poults 7, 304
vs. mycotoxicoses 6, 420

O

obituary
Beaudette, Fred Robert 1, 3
Cartrite, Hugh T. 6, 522
Delaplane, John P. 5, 1
Jungherr, Erwin L. 9, facing 205
ornithosis
agent cause of meningo-encephalitis in young chickens 7, 480
agglutinating antigen from agent, preparation method and tests 10, 342
antigens prepared from agent, variations in complement fixation 10, 199
Bacterium anitratum in tests for, characteristics 7, 331
diagnosis
comments (abstr) 5, 350
modified indirect complement fixation 9, 359
experimental, in turkeys 3, 51
fluorescent staining of tissues correlated with agent 9, 24
followed by meningoencephalitis in turkeys 9, 266
lesions in turkeys 2, 315
outbreak in New Mexico 4, 310
in turkeys
in Alberta 5, 31
histopathology of strains 5, 94
thermal inactivation of virus 3, 67
Ornithostrongylus quadriradiatus, thiabendazole vs., in pigeons 6, 380
Ornithonyssus sylviarum, differentiation from *Dermanyssus gallinae* 4, 133
osteopetrosis
induced by virus inoculations from chickens with erythroblastosis 7, 79
observations on (abstr) 3, 484
serum alkaline phosphatase levels in chickens 10, 364
oviduct
histology of, in turkeys 8, 19
right, fully functional in a pullet 9, 464
oxytetracycline
efficient administration to laying hens 7, 467
potentiation
with low dietary calcium 5, 409
by terephthalic acid 5, 25
by terephthalic acid and low calcium 5, 183
serum levels of, mode of terephthalic acid effects on 3, 157
toxicity for chicken embryos 2, 76
vs. complex respiratory disease 3, 457, (abstr) 486
vs. egg transmission of infectious sinusitis in turkeys 2, 180
vs. *Erysipelothrix insidiosa* in feed and water of turkeys 1, 275
vs. infectious hepatitis 2, 19

vs. infectious synovitis 2, 514
effect of calcium phosphorus and terephthalic acid on 3, 135
vs. *Mycoplasma* in dipped eggs 3, 257
vs. *Mycoplasma gallisepticum* in chickens 5, 188
and *Escherichia coli* in chickens 8, 135
vs. *Pasteurella multocida* 6, 7
vs. turkey ornithosis virus of low virulence 3, 170

P

paracolon
control
program for poults 6, 93
sanitation as approach (abstr) 5, 350
parakeet
pituitary chromophobe adenoma in, transmissible 8, 203
Salmonella typhimurium in, nitrofurans vs. 6, 275
parasites
of birds, incidence and unusual cases in five years 6, 141
in blood of birds trapped in New Jersey 10, 405
parasitism, multiple, in fledglings 8, 315
paratyphoid (see *Salmonella*)
partridge
Chukar
eastern and western encephalitis in, first report in Florida 9, 8
eastern viral encephalomyelitis in 4, 380
furazolidone in 4, 218
Salmonella derby and *S. anatum* in 7, 501
Mycoplasma infection in 1, 222
Pasteurella, atypical infections in chickens 4, 280
Pasteurella anatipestifer
in White Pekin ducks (abstr) 3, 486
pathology of, in ducklings 10, 281
Pasteurella multocida
associated with fowl cholera, two immunogenic types 6, 315
avian strains
biochemistry of 7, 386
biochemistry relation to serology and immunology 7, 393
bacterins and drugs vs. 6, 7
control in chickens and turkeys with emulsified killed vaccine 3, 397
fowl cholera strain, dissociation of 8, 649
killed fowl cholera vaccine vs. 4, 429
killed vaccines vs., in chickens 2, 322
microscopic lesions of, in chickens 8, 658
serologic and immunogenic responses of chicken and turkeys 9, 367
sulfaethoxypyridazine vs., in chickens and turkeys 10, 135
turkeys vaccinated with bacterins, protection in 7, 165
Pasteurella pseudotuberculosis, in turkeys, unusual aspect of 6, 403
penguin
King, isolation of an anaerobic vibrio from 5, 243
osteolytic mycotic granuloma in, *Mucoraceae* isolated from 5, 367
penicillin
toxicity for chicken embryos 2, 76
vs. airsac lesions in breeder offspring (abstr) 2, 542
vs. *Erysipelothrix insidiosa*, in feed and water of turkeys 1, 275
vs. turkey ornithosis virus of low virulence 3, 170
Penicillium in fungus flora of hatcheries 8, 13
peritonitis, verminous, causing losses of heron and egret 5, 135
pheasant
Clostridium botulinum outbreak in 3, 344
eastern viral encephalomyelitis in, clinical manifestations 9, 530
equine encephalomyelitis in, in Florida 3, 89
infectious hepatitis in, first reported 9, 382
isolation of turkey infectious sinusitis from 2, 370
multiple capillariasis in 10, 428
Newcastle disease and *Salmonella pullorum* in, tests for 7, 193
Syngamus trachea in, seven chemicals vs. 5, 11
4,7-phenanthroline-5,6 quinone vs. *Histomonas meleagridis* in turkeys 9, 400
phenothiazine vs. *Syngamus trachea* in pheasants 5, 11
phosphorus, low dietary
potentiation of chlortetracycline and oxytetracycline vs. *Mycoplasma gallisepticum* and *Escherichia coli* 8, 135
relation to cage layer fatigue 8, 92
pigeon
acute toxicity of procaine penicillin G and dihydrostreptomycin sulfate in 2, 187
Ascaridia columbae in, histology of liver lesions 7, 206; 8, 181

Dispharynx nasuta in, causing severe proventriculitis 5, 60
Ornithostrongylus quadriradiatus in, thiabendazole vs. 6, 380
paratyphoid in, clinical manifestations 9, 377
Tetrameres americana in 1, 227
with *Trichomonas gallinae*, histopathology 5, 48
tumor in abdomen, removal by radical incision 5, 250
pigeon pox, response to vaccination with different virus concentrations 9, 237
piperazine compounds as ascaricides 6, 493
Plasmodium, diagnosing, subinoculation as technique 10, 541
poisoning
coal tar in White Pekin duck 10, 484
of food pellets, rapid and accurate method 10, 375
lead, in whistling swans in Wisconsin 9, 252
thiophosphate in ducks 1, 127
poliomyelitis, killed vaccine, evaluating with chicks 6, 86
polyvinylpyrrolidone iodine vs. mycotoxicoses 6, 420
post-mortem examination reports, Houghton Poultry Research Station
1962 & 1963 8, 675
1964 & 1965 10, 377
potassium citrate in chick embryo cells, induction of artifacts resembling Rous sarcoma virus foci 10, 94
poultry disease incidence
area of North Central Poultry Disease Conference
1962 7, 516
1963 8, 680
1964 9, 619
1965 10, 529
area of Northeastern Conference on Avian Diseases
1958 (abstr) 2, 543
1959 (abstr) 3, 488
1960 (abstr) 4, 549
1961 5, 463
1962 6, 516
1963 7, 509
1964 8, 668
1965 9, 611
1966 10, 535
Houghton Poultry Research Station
1962 & 1963 8, 675
1964 & 1965 10, 377
pox
in mourning dove in Maryland 4, 198
quick diagnosis 4, 474
PPLO (*see* Mycoplasma)
procaine penicillin G, acute toxicity in pigeon and chicken 2, 187
procedures (*see* techniques)
program
AAAP
annual meeting, 1966 10, 256
symposium on avian salmonellosis, 1965 9, 494
International Symposium on Newcastle Disease Virus as an Evolving Pathogen, 1963 7, 236
North Central Poultry Disease Conference
1963 7, 515
1964 8, 685
1965 9, 490
1966 10, 552
Northeastern Conference on Avian Diseases
1961 5, 451
1962 6, 512
1963 7, 507
1964 8, 687
1965 9, 491
1966 10, 553
Poultry Section, AVMA, symposium on poultry viruses, 1964 8, 691
Southern Conference on Avian Diseases, 1965 9, 493
Western Poultry Disease Conference
1961 5, 346
1962 6, 390
1963 7, 131
1964 8, facing 320
1965 9, 336
1966 9, 626
Workshop Symposium on Avian Pasteurellosis, 1965 9, 337
World Veterinary Poultry Association conference
1962 6, 250
1965 9, 338
propylene glycol, dehydrostreptomycin spray vs. chronic respiratory disease 2, 269
beta-propiolactone-inactivated encephalomyelitis virus 4, 116
Newcastle disease virus 10, 83
proventriculitis in pigeons caused by *Dispharynx nasuta* 5, 60
Pseudomonas aeruginosa from contaminated erythromycin, in chicks 10, 353
pseudotuberculosis, case report in common grackles 6, 506

psittacosis in turkeys
histopathology of strains 5, 94
lesions 2, 315
Puffinus tenuirostris, limy-bird disease in chicks of 7, 67
pullorum disease *(see* Salmonella pullorum)

Q

quail
Chilomastix in, first reported 8, 465
Coturnix, encephalomyelitis in 6, 226
Japanese
pathogens in 9, 212
susceptibility to *Haemophilus gallinarum* 9, 272
ulcerative enteritis in
causative organism 4, 449
chemotherapy of 6, 111
quail bronchitis virus, relation to CELO virus 3, 321
quail disease *(see* ulcerative enteritis)

R

radioactive tracers, distribution of P^{36} and S^{35} in infectious bronchitis virus in embryos 1, 110
Raillietina cesticillus in Georgia poultry, with *Epierus pulicarius* as intermediate host 8, 347
reproductive tract, effect of infectious bronchitis on 1, 136
research results on poultry disease, adequacy of evaluation criteria 5, 348
resistance-inducing factor
chickens free of, lymphomatosis in 10, 32
in a commercial chicken flock 8, 358
test for
avian leukosis virus, modifications 9, 545
Rous sarcoma virus in, attempts to substitute cytopathogenic viruses for 8, 317
respiratory distress
chickens with, unidentified myxovirus isolated from (abstr) 4, 304
viral agent in, isolated from chickens 1, 54
respiratory infections of poultry in India 10, 401
respiratory viruses, detection by fluorescent antibody, standardization of technique 9, 535
RIF *(see* resistance-inducing factor)
rimocidine sulfate vs. mycotoxicoses 6, 420
round heart disease
in Oregon chickens, first report 8, 56
in the U.S. 2, 530
Rous sarcoma virus
activity in embryonated egg, factors affecting 5, 66
antibodies, metabolism inhibition test for 10, 337
artifacts resembling foci induced in embryo cells by potassium citrate 10, 94
contact transmission, influences on rate 10, 259
detection with cell-culture technique 8, 163
and helper viruses, a review 9, 127
neutralizing antibodies, correlation with neoplasms 2, 167; 5, 337
resistance to, biological agent associated with 7, 345
in RIF test, attempts to substitute cyopathogenic viruses for 8, 317
transmission by *Aedes aegypti* 6, 127
rupture, aortic, *Candida albicans* associated with 8, 454
RVNA *(see* Rous virus neutralizing antibody)

S

Salmonella
of agricultural animal origin
1957 3, 85
1958 3, 440; 4, 73
1959 5, 147
and Arizona groups, differentiation from other enteric organisms (abstr) 1, 348
clinical manifestations in pigeons 9, 377
contaminants
in animal by-products 6, 441
in animal products used in feeds 3, 290
in feed 2, 396; 6, 43
in hatchery fluff 8, 546
in rendering plants, environment and product 9, 302
control
program for poults 6, 93
sanitation as approach (abstr) 5, 350
in cranes in New Mexico 8, 312
3,5-dinitrobenzamide vs., in turkeys 5, 5
furazolidone and Tiafur vs., in chicks 6, 228
incidence
in avian species, five-year survey 10, 296
in wild birds 10, 89

outbreak in a breeding flock 1, 52
pathology in White Pekin duck 5, 415
relative pathogenicity in chicks 4, 103; 10, 502
on a turkey farm 10, 131
in White Pekin duck, 10-year summary 6, 145
Salmonella anatum, in Chukar partridge flock, litter source 7, 501
Salmonella derby, in Chukar partridge flock, litter source 7, 501
Salmonella gallinarum
antibiotics vs., resistance from continuous feeding 7, 457
furazolidone vs., strain resistant to 7, 294
reaction of chicks, in amino acid deficiencies 10, 383
resistant to furazolidone 5, 382
Salmonella give in paratyphoid in a breeding flock 1, 52
Salmonella heidelberg
complicating factor in control of *Salmonella pullorum* 1, 298
observations in three chicken breeding flocks 10, 314
typing results in 1958 (abstr) 3, 487
Salmonella pullorum
anhydrous antigen, laboratory application of 6, 107
antibodies, incidence in Wisconsin chickens 10, 407
control, complication by *Salmonella heidelberg* 1, 298
furaltadone vs. 5, 214
in stressed broilers 5, 333
furazolidone vs.
(abstr) 4, 544
in chicken carriers 4, 48
in chickens 1, 328; 2, 428; 4, 223
in day-old chicks 4, 63
hatchery spread through debeaking 4, 109
hock swellings as primary lesion in broilers 5, 144
in a Muscovy duck, case report 7, 168
nutritional aspects of infection in chicks 8, 328
pullorum disease testing results, Northeastern Conference
1959 (abstr) 3, 494
1960 (abstr) 4, 547
1961 5, 461
1962 6, 514
1963 8, 179
1964 8, 666
1965 9, 617
tests for, in pheasants 7, 193
in turkeys 1, 338
and typhoid, eradication measures 6, 178
typing
method influence on results 3, 373
results in 1958 (abstr) 3, 487
Salmonella typhimurium
antibodies, incidence in Wisconsin chickens 10, 407
detection
in feed and animal by-products 7, 423
in laying flock (abstr) 3, 485
furazolidone vs. 1, 180
nitrofurans vs.
in parakeets and canaries 6, 275
in poults 4, 22
in paratyphoid in a breeding flock 1, 52
serological testing for, in breeder turkeys 6, 444
stress factors and serological response
in chicks (abstr) 1, 122
in paratyphoid (abstr) 1, 122
salpingitis
Escherichia coli serotypes isolated from 6, 322
production of, by *Mycoplasma gallisepticum* in chickens 6, 499
sanitation
as approach to control of paratyphoid and paracolon (abstr) 5, 350
in hatchery
as control measure vs. aspergillosis 4, 369
(abstr) 3, 486
Sarcocystis rileyi
in *Aythya americana*, *A. valisineria*, and *Bucephala clangula*, new hosts 7, 212
in wild birds, recent reports 7, 212
sarcoma
histiocytic, induced by cell-free agent 4, 85
and erythroblastosis, virus strain 13
pH stability at 2°C 9, 513
susceptibility of chicks 10, 73
scald, water temperature effect on chicken skin histology 9, 570
Scopulariopsis
in fungus flora of hatcheries 8, 13
in moldy-feed toxicosis in poultry 6, 363
Serratospiculum amaculata in prairie falcons, five cases 8, 412
skin, histology, effect of scald-water temperature in chicken 9, 570
Spiramycin
Mycoplasma gallisepticum resis-

tance to, developed in chick embryos 5, 283
vs. airsac lesions in breeder offspring (abstr) 2, 542
vs. *Mycoplasma gallinarum* 5, 201
spirochetosis (*see* Borrelia anserina)
Staphylococcus aureus in gangrenous dermatitis of chickens 8, 269
starlings, cobalt-60 vs. 8, 555
Streptobacillus, cause of tendon-sheath infection in turkeys 2, 418
streptococcosis, outbreak in chickens 10, 413
streptomycin
Mycoplasma gallisepticum resistance to, developed in chick embryos 5, 283
Mycoplasma resistance to, *in vitro* 2, 442
vs. airsac lesions in breeder offspring (abstr) 2, 542
vs. *Mycoplasma* 4, 456
vs. turkey ornithosis virus of low virulence 3, 170
vs. ulcerative enteritis in quail 6, 111
SU-9064, tranquilizer for handling broilers and pullets 7, 50
subcutaneous mite (*see* Laminosioptes cysticola)
sulfaethoxypyridazine
vs. *Pasteurella multocida* in chickens and turkeys 10, 135
vs. *Salmonella gallinarum*, resistance from continuous feeding 7, 457
sulfamethazine vs. infectious hepatitis 2, 19
sulfaquinoxaline
vs. infectious hepatitis 2, 19
vs. *Salmonella gallinarum*, resistance from continuous feeding 7, 457
swans, whistling, lead poisoning of, in Wisconsin 9, 252
Syngamus trachea
hemogram of, in poults 8, 380
seven chemicals vs., in pheasants 5, 11
synovitis
caused by *Escherichia coli* 5, 218
caused by infectious synovitis agent and/or *Mycoplasma*, in chickens 1, 82
Mycoplasma associated with 4, 515

T

tannic acid, in modified hemagglutination test for infectious bronchitis of chickens 6, 99
tapeworm, species identification and control, egg characteristics as aids 3, 188
Tasmanian mutton-bird (see *Puffinus tenuirostris*)
techniques
anesthetizing chickens with diethyl ether 9, 227
cardiac bleeding of small birds 4, 230
cell agglutination for quantitative titration of fowlpox virus 5, 139
cell culture
continuous, of chick embryo cells 8, 391
to detect Rous sarcoma virus 8, 163
for propagation of Newcastle disease virus (abstr) 1, 120
for study of infectious laryngotracheitis 4, 235
chicken embryo, for study of infectious laryngotracheitis 4, 235
complement fixation, modified 5, 270
cultivation
of infectious-synovitis-type *Mycoplasma* 6, 36
of *Mycoplasma* 4, 3
detecting
bacterial contaminants in poultry vaccines 3, 41
Mycoplasma gallisepticum antibodies, anti-globulin technique 8, 576
neutralizing antibodies for infectious bronchitis virus, plaque-reduction method 10, 305
determining
carboxyhemoglobin in chick blood, colorimetric method 8, 76
virus concentrations, by periodic harvests from embryonating eggs 9, 598
devocalizing poultry electrosurgically 8, 81
diagnosis
of avian plasmodium, subinoculation in 10, 541
of avian pox and infectious laryngotracheitis 4, 474
of laryngotracheitis, slide smear for 3, 80
of vibrionic hepatitis 8, 428
direct enumeration of *Mycoplasma* 2, 147
fluorescent antibody
for detecting respiratory viruses, standardization 9, 535
in research (abstr) 1, 345
hemagglutination-inhibition test

beta, simplification 1, 75
tube, serum dilution methods compared 8, 462
identification of bacterial L-forms 3, 175
isolation
of avian enteric viruses 3, 412
of *Mycoplasma* 3, 428
of *Mycoplasma* of chronic respiratory disease from tracheal exudate 1, 101
metabolism inhibition test for Rous sarcoma virus antibodies 10, 337
microbial counts in hatcher fluff 6, 24
modified indirect complement fixation for diagnosing ornithosis 9, 359
poisoning of food pellets, rapid and accurate method 10, 375
preparing agglutinating antigen from an ornithosis agent 10, 342
revaccination for infectious laryngotracheitis 4, 291
RIF test for avian leukosis virus, modifications 9, 545
separating and identifying viruses by treatment of inocula 2, 94
serum neutralization test
to indicate live virus in infectious bronchitis vaccine 1, 91
for infectious bronchitis 7, 203
for laryngotracheitis in chickens 2, 258
staining
chicken blood cells 3, 272
to differentiate histomoniasis from mycosis 10, 357
test for
Mycoplasma gallisepticum 4, 485
Newcastle disease, rapid macroscopic plate agglutination 4, 320
virus isolation
from cecal tonsils 3, 182
from chicken 1, 62
temperature, continuous high, cause of gross abnormalities in embryos 5, 177
tendon sheath infection in turkeys caused by a *Streptobacillus* 2, 418
teratoma, cerebellar, first report in chicken 8, 580
terephthalic acid potentiation
of antibiotics vs. infectious synovitis 3, 135
of chlortetracycline 5, 25
vs. chronic respiratory disease 3, 443; 4, 413
vs. infectious synovitis 2, 450
vs. *Mycoplasma* 4, 419
vs. *Mycoplasma gallisepticum* and *Escherichia coli* 8, 135
of oxytetracycline 5, 25
vs. chronic respiratory disease 3, 457
(abstr) 3, 486
in broiler diets 5, 183
serum levels, mode of action 3, 157
vs. *Mycoplasma gallisepticum* and *Escherichia coli* 8, 135
of tetracyclines 3, 353
Terramycin *(see* oxytetracycline)
tetracycline
Mycoplasma resistance to, *in vitro* 2, 442
potentiation with terephthalic acid and low dietary calcium 3, 353
toxicity for chicken embryos 2, 76
vs. egg transmission of infectious sinusitis in turkeys 2, 180
vs. *Mycoplasma* 4, 456
vs. *Mycoplasma gallisepticum* in chickens 5, 188
Tetrameres americana in pigeons 1, 227
1,1-tetramyethylene-bis (5,5′*p*-chlorophenyl biguanidine)-dihydrochloride vs. mycotoxicoses 6, 420
Tetratrichomonas gallinarum, size 9, 232
thiabendazole vs. *Ornithostrongylus quadriradiatus* in pigeons 6, 380
thiophosphate poisoning in White Pekin ducks 1, 127
Tiafur vs. *Salmonella* in chicks 6, 228
tissue culture *(see* cell culture)
tobacco mosaic virus vs. Newcastle disease in chickens and turkeys 5, 362
toxicosis, moldy feed, fungi in 6, 363
Toxoplasma gondii in domestic ducks in Argentina, first case 6, 391
tranquilizer, SU-9064, for handling broilers and pullets 7, 50
transaminases in chicken plasma 3, 407
transmissible enteritis *(see* bluecomb)
transplant, lymphoma, histological reaction of chicken 2, 123
Trichomonas gallinae in pigeons
histopathology 5, 48
treatment 10, 288
Trithiadol vs. *Eimeria*, along with commercial vaccine 7, 12
tumor, intra-abdominal in pigeon, removal by radical incision 5, 250
turkey infectious sinusitis *(see* Mycoplasma gallinarum)
turkey ornithosis
furazolidone vs. 2, 117

pathogenicity of agents for mice 3, 23
virus of low virulence, susceptibility to antibiotics 3, 170
turkey X disease, histopathology, in Great Britain 5, 371
tylosin
vs. complex respiratory disease (abstr) 4, 307
vs. *Mycoplasma* by dipping eggs 6, 72
vs. *Mycoplasma gallisepticum*
in egg transmission 9, 291; 10, 194
evaluation with birds from infected embryos 8, 614
in young chickens 9, 67
typhoid and pullorum, eradication measures 6, 178

U

ulcerative enteritis
an anaerobe the cause 3, 471
further studies on causative organism 4, 449
ultrasonics in egg treatment for disease prevention 8, 538
uremia, syndrome in Australian chickens, serology 8, 234
urethane inactivation of Newcastle disease virus, immunogenicity 10, 83

V

vaccines *(see also specific diseases)*
bacterial contaminants in 1, 105
detection of 3, 41
effect of chicken age and passive immunity on response 1, 195
of embryo origin, bacterial contaminants in 1, 105
killed vs. live (abstr) 4, 307
vesicular dermatitis of fowls caused by *Ammi visnaga* seeds 4, 275
vibrio
agent of bluecomb, transmission and serology 8, 27
anaerobic, isolation from King penguin 5, 243
from bile and cecum shown to be similar 10, 67
in hepatitis
diagnosed in San Diego County 8, 310
diagnosing 8, 428
isolated from chickens with hepatitis 2, 348, 358
spp. from chickens and man, difference in physiology 8, 72
vibrionic hepatitis 2, 348, 358
viruses
animal
review of emerging classification of 9, 471; 10, 127
structure of 9, 193
combined with *Mycoplasma gallisepticum*, aerosol infection with (abstr) 5, 455
concentrations in embryonating eggs, method for periodic harvests 9, 598
diseases of poultry, environment influence on 9, 171
isolation technique 1, 62
new virus isolated from Ontario turkey flocks 9, 495
respiratory, isolated from chickens 1, 54
separating and identifying by treatment of inocula 2, 94
visceral leukosis, increased incidence in broilers and replacements 1, 320
vitamin A deficiency, effect on *Candida albicans* infection in chickens 4, 138

W

western encephalitis in Chukar partridges, first report in Florida 9, 8
wild birds, blood parasites of, in New Jersey 10, 405
Wilmot virus, tentative name for new virus isolated from Ontario turkey flocks 9, 495

X

xanthomatosis, etiology and pathogenesis in chickens 10, 103

Y

yellow jessamine *(see* Gelsemium sempervirens)

Z

Zoalene (*see* 3,5-dinitro-ortho-toluamide)